EXPRESS MAILING LABEL NO. EV 218962424 US

PATENT APPLICATION
Docket No: 15436.253.12

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Frank H. Levinson

Serial No.:

07/786,453

Filing Date:

November 1, 1991

Confirmation No.:

Unknown

For:

HIGH SPEED INFORMATION BROADCASTING

**SYSTEM** 

RECEIVED

Art

**Unit** 2307

JUN 1 9 2003

<u>POWER OF ATTORNEY AND</u> STATEMENT UNDER 37 CFR 3.73(b)

**Technology Center 2100** 

Honorable Commissioner of Patents and Trademarks Washington, DC 20231

Sir:

I, Frank H. Levinson, state that I am Chairman of the Board of Finisar Corporation and that I am authorized to execute this Revocation and Substitute Power of Attorney on behalf of Finisar Corporation.

I further state that Finisar Corporation is the assignee of the entire interest of the above-identified patent or patent application as shown by the assignment(s) recorded in the U.S. Patent and Trademark Office at the Reel and Frame identified in Exhibit A; The assignee, Finisar Corporation, hereby revokes all previous powers of attorney in the above-identified application, which is included in the schedule of U.S. Patents and Patent Applications of Exhibit B, and now hereby appoints all attorneys under customer number:



## PATENT TRADEMARK OFFICE

of WORKMAN, NYDEGGER & SEELEY, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, Utah 84111, as attorneys with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the Letters Patent, and to transact all business in the Patent and Trademark Office connected therewith.

All correspondence and telephonic communication should be directed to:

ERIC L. MASCHOFF WORKMAN, NYDEGGER & SEELEY 1000 Eagle Gate Tower 60 East South Temple Salt Lake City, Utah 84111

This Revocation and Substitute Power of Attorney and Statement Under 37 CFR 3.73(b) is effective for all of the U.S. Patents and Patent Applications of Exhibit B, and shall be filed at the U.S. Patent & Trademark Office in all of said U.S. Patents and Patent Applications.

Signed this 28 day of May, 2003

Frank H. Levinson
Finisar Corporation
1308 Moffet Park Drive
Sunnyvale, California 94089

## EXHIBIT A

## EXHIBIT A

An assignment from the inventor(s) of U.S. Patent Application Serial No. 0.7/786,453 filed 11/01/1991 has been recorded in the U.S. Patent and Trademark Office at Reel 5905, Frame 0.93.

5,404,505 4/4/1995

## EXHIBIT B

# EXHIBIT B Patents and Patent Applications Subject to Revocations and Substitute Power of Attorney

|                        |                    | 18-Mar-02             | 10/101,260 | COMPACT LASER PACKAGE WITH INTEGRATED TEMPERATURE CONTROL                                   | 9775-063-999                  | 15436.253.39.1             |
|------------------------|--------------------|-----------------------|------------|---|-------------------------------|----------------------------|
|                        |                    | 18-Mar-02             | 10/101,247 | OPTOELECTRONIC TRANSCEIVER MODULE WITH THERMALLY ISOLATED COMPONENTS                        | 9775-059-999                  | 15436.253.37.1             |
|                        |                    | 6-Aug-01              | 09/923,471 | SYSTEM AND METHOD FOR PACKAGING A LASER/DETECTOR  | 9775-057-999                  | 15436.253.35.1             |
|                        |                    | 8-Aug-01              | 09/925,176 | SIGNAL PROCESSING CIRCUIT FOR FLOATING SIGNAL SOURCES USING POSITIVE FEEDBACK               | 9775-055-999                  | 15436.253.33               |
|                        |                    | 5-Feb-01              | 09/777,917 | INTEGRATED MEMORY MAPPED CONTROLLER CIRCUIT FOR FIBER OPTICS TRANSCEIVERS                   | 9775-052-999                  | 15436.253.32               |
|                        |                    | 31-Aug-01             | 09/929,737 | MULTI-RATE AND MULTI-LEVEL GIGABIT INTERFACE CONVERTER                                      | 9775-051-999                  | 15436.253.31               |
|                        |                    | 4-Dec-01              | 10/005,924 | CIRCUIT INTERCONNECT FOR OPTOELECTRONIC DEVICE FOR CONTROLLED IMPEDANCE AT HIGH FREQUENCIES | 9775-048-999                  | 15436.253.29               |
|                        |                    | 17-Oct-00             | 09/691,311 | FIBER OPTIC HEADSET FOR WIRELESS TELEPHONES   | 9775-047-999                  | 15436.253.28               |
|                        |                    | 14-Nov-01             | 10/003,959 | OPTOELECTRONIC DEVICE CAPABLE OF PARTICIPATING IN IN-BAND TRAFFIC                           | 9775-043-999                  | 15436.253.26.1             |
|                        |                    | 12-Oct-01             | 09/976,765 | A SYNCHRONOUS NETWORK TRAFFIC PROCESSOR   | 9775-042-999                  | 15436.253.25.1             |
|                        | i                  | 12-Dec-00             | 09/735,710 | SYSTEM AND METHOD FOR TRANSMITTING DATA ON RETURN PATH OF A CABLE TELEVISION SYSTEM         | 9775-040-999                  | 15436.24.1                 |
|                        |                    | 19-Sep-01             | 09/957,557 | COMPACT OPTICAL ASSEMBLY FOR OPTOELECTRONIC TRANSCEIVERS                                    | 9775-039-999                  | 15436.253.23               |
|                        |                    | 31-Oct-02             | 10/285,106 | SIGNAL STRENGTH DETECTION IN HIGH-SPEED OPTICAL ELECTRONICS                                 | 9775-036-999                  | 15436.253.21               |
|                        |                    | 31-Oct-02             | 10/285,083 | SIGNAL STRENGTH DETECTION IN HIGH SPEED OPTICAL ELECTRONICS                                 | 9775-034-999                  | 15436.253.19.1             |
|                        |                    | 8-Mar-00              | 09/521,639 | FIBER OPTIC LASER TRANSMITTER WITH REDUCED NEAR END REFLECTIONS                             | 9775-031-999                  | 15436.253.18               |
|                        |                    | 19-Oct-99             | 09/420,947 | A TRANSCEIVER WITH AUXILIARY MONITORING PORTS   | 9775-030-999                  | 15436.253.17               |
| 19-Sep-00              | 6121838            | 23-Dec-98             | 09/221,673 | A PRECISION GAAS LOW-VOLTAGE DC AMPLIFIER   | 9775-026-999                  | 15436.253.16               |
| 15-Oct-96              | 5566171            | 15-Mar-95             | 08/404,873 | HIGH SPEED MESH CONNECTED LOCAL AREA NETWORK  | 9775-022-999                  | 15436.253.14               |
| 28-May-91              | 5019769            | 14-Sep-90             | 07/583,178 | SEMICONDUCTOR LAS DIODE CONTROLLER AND LASER DIODE BIASING CONTROL METHOD                   | 9775-021-999                  | 15436.253.13               |
| 4-Apr-95               | 5404505            | 1-Nov-91              | 07/786,453 | HIGH SPEED INFORMATION BROADCASTING SYSTEM  | 9775-020-999                  | 15436.253.12               |
| 22-May-90              | 4927225            | 30-May-89             | 07/358,892 | 2X2 OPTICAL BYPASS SWITCH   | 9775-017-999                  | 15436.253.9                |
| 21-Nov-89              | 4881789            | 26-May-88             | 07/189,979 | INTEGRATED OPTICAL COUPLER AND CONNECTOR  | 9775-016-999                  | 15436.253.8                |
| 21-Sep-99<br>18-Feb-97 | 5956168<br>5604735 | 5-Sep-97<br>12-May-95 | 08/924,852 | MULTI-PROTOCOL DUAL FIBER LINK LASER DIODE CONTROLLER AND METHOD. HIGH SPEED NETWORK SWITCH | 9775-007-999<br>9775-015-999  | 15436.253.2<br>15436.253.7 |
| 31-Jul-01              | 6268808            | 8-Jun-99              | 09/327,997 | HIGH SPEED MODIFICATION SYSTEM AND METHOD   | 9775-005-999                  | 15436.253.1                |
| (මුල්ල) මොනින්         | Patent#            | ज्यातिक (ज्यात्र)     | Social#    | Villo   | Frevious Lew<br>Firm Ref. (7) | WNS File#                  |

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# EXHIBIT B Patents and Patent Applications Subject to Revocations and Substitute Power of Attorney

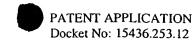
|            |          | 31-Oct-02    | 10/285,081  | PROCESSING ERROR   | 88-980-6778  | 19436.293.96.1 |
|------------|----------|--------------|-------------|--|--------------|----------------|
|            |          | 31-Oct-02    | 10/285,082  | A SYSTEM AND METHOD OF PROCESSING DATA   | 9775-095-999 | 15436.253.57   |
|            |          | 19-Mar-03    | 10/393,217  | CIRCUIT BOARD HAVING TRACES WITH DISTINCT TRANSMISSION IMPEDANCES  | 9775-094-999 | 15436.253.56.1 |
|            |          | 19-Mar-03    | 10/393,164  | A TRANSMISSION LINE WITH INTEGRATED CONNECTION PADS  | 9775-093-999 | 15436.253.55.1 |
|            |          | 30-Oct-02    | 10/285,204  | TRANSIMPEDANCE AMPLIFIER ASSEMBLY WITH SEPARATE GROUND LEADS AND SEPARATE POWER LEADS FOR INCLUDED CIRCUITS  | 9775-092-999 | 15436.253.54.1 |
|            |          | 19-Mar-03    | 10/393,218  | A SUBMOUNT, PEDESTAL, AND WIRE BOND ASSEMBLY FOR A TRANSISTOR OUTLINE PACKAGE WITH REDUCED WIRE BOND INDUCTANCE  | 9775-091-999 | 15436.253.53.1 |
|            |          | 19-Mar-03    | 10/393,215  | TRANSISTORS OUTLINE PACKAGE WITH EXTERIORLY MOUNTED RESISTERS  | 9775-090-999 | 15436.253.52.1 |
|            |          | 31-Oct-02    | 10/285,105  | METHOD FOR MAINTAINING DESIRABLE OPTICAL PERFORMANCE OF LASER EMITTERS OVER ITEMPERATURE VARIATIONS  | 9775-088-999 | 15436.253.51.1 |
|            |          | 21-Jan-03    | 10/348,341  | EXTENDED BANDWIDTH SEMICONDUCTOR OPTICAL AMPLIFIERS  | 9775-087-999 | 15436.253.50.1 |
|            |          | 23-Jan-03    | 10/351,620  | TRANSMITTER OPTICAL SUBASSEMBLY WITH VOLUME PHASE HOLOGRAPHIC OPTICS   | 9775-086-999 | 15436.253.49.1 |
|            |          | 2-Jul-02     | 10/188,575  | SYSTEM FOR CONTROLLING BIAS CURRENT IN LASER DIODES WITH IMPROVED SWITCHING RATES  | 9775-085-999 | 15436.253.48   |
|            |          | 19-Mar-02    | 10/102,625  | EFFICIENT TRANSMISSION OF DIGITAL RETURN PATH<br>DATA IN CABLE TELEVISION RETURN PATH  | 9775-078-999 | 15436.253.47.1 |
|            |          | 30-Oct-02    | 10/285,205  | CABLE TELEVISION RETURN LINK SYSTEM WITH DATA-RATE SIDE-BAND COMMUNICATION CHANNELS  | 9775-075-999 | 15436.253.46.1 |
|            |          | 22-Oct-01    | 10/036,995  | MULTIPLE WIDTH TRANSCEIVER HOST BÖARD  | 9775-074-999 | 15436.253.45   |
|            |          | 18-Mar-02    | 10/101,258  | AVALANCHE PHOTODIODE CONTROLLER CIRCUIT FOR FIBER OPTICS TRANSCEIVER   | 9775-073-999 | 15436.253.44.1 |
|            |          | 3-Feb-03     | 10/357,918  | APPARATUS AND METHOD FOR COMBINING ASYNCHRONOUS DIGITAL SIGNALS IN CABLE TELEVISION RETURN PATH  | 9775-072-999 | 15436.253.43.1 |
|            |          | 3/19/2002    | 10/102,619  | DATA RATE COMPRESSION DEVICE FOR CABLE TELEVISION RETURN PATH USING BANDPASS PUNCTURING.   | 9775-071-999 | 15436.253.42.1 |
|            |          | 12-Aug-02    | 10/218,344  | BANDPASS COMPONENT DECIMATION AND TRANSMISSION OF DATA IN CABLE TELEVISION DIGITAL RETURN PATH   | 9775-070-999 | 15436.253.41.1 |
|            |          | 18-Mar-02    | 10/101,248  | CONTROL CIRCUIT FOR OPTOELETRONIC MODULE WITH INTEGRATED TEMPERATURE CONTROL   | 9775-065-999 | 15436.253.40.1 |
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EXHIBIT B

Patents and Patent Applications Subject to Revocations and Substitute Power of Attorney

|             |         | 17-Apr-03   | 10/419,023 | METHOD AND APPARATUS FOR REDUCING INTERFERENCE IN AN OPTICAL DATA STREAM USING DATA-INDEPENDENT EQUALIZATION | 9775-152-999               | 15436.253.81   |
|-------------|---------|-------------|------------|--|----------------------------|----------------|
|             |         | 8-Nov-02    | 10/291,208 | EFFICIENT TRANSMISSION OF DIGITAL RETURN PATH<br>DATA IN CABLE TELEVISION RETURN PATH                        | 9775-145-999               | 15436.253.79   |
|             |         | 31-Oct-02   | 10/285,369 | MAINTAINING DESIRABLE PERFORMANCE OF OPTICAL EMITTERS AT EXTREME TEMPERATURS                                 | 9775-137-999               | 15436.253.76   |
|             |         | 30-Oct-02   | 10/285,203 | SYSTEM FOR CONTROLLING BIAS CURRENT IN LASER DIODES WITH IMPROVED SWITCHING RATES                            | 9775-130-999               | 15436.253.72.1 |
|             |         | 7-Mar-03    | 10/384,227 |  | 9775-128-999               | 15436.253.70.1 |
|             |         | 7-Mar-03    | 10/384,228 | DUAL FIBER OPTIC AMPLIFIER WITH SHARED PUMP SOURCE   | 9775-127-999               | 15436.253.69.1 |
|             |         | 16-May-02   | 10/147,677 | SIGNAL PROCESSING CIRCUIT FOR FLOATING SIGNAL SOURCES USING POSITIVE FEEDBACK                                | 9775-109-999               | 15436.253.64   |
|             |         | 18-Sep-02   | 10/246,038 |  | 9775-107-999               | 15436.253.63   |
|             |         | 8-Oct-02    | 10/266,870 | OPTICAL TRANSCEIVER MODULE WITH A SINGLE INTERNAL SERIAL BUS   | 9775-105-999               | 15436.253.62   |
|             |         | 8-Oct-02    | 10/266,869 |  | 9775-103-999               | 15436.253.83   |
|             |         | 5-Nov-02    | 10/288,324 | APPARATUS AND METHOD FOR REDUCING INTERFERENCE IN AN OPTICAL DATA STREAM                                     | 9775-101-999               | 15436.253.60   |
|             |         | 1-Nov-02    | 10/285,772 | APPARATUS FOR ENHANCING EMPEDANCE- MATCHING IN A HIGH-SPEED DATA COMMUNICATIONS SYSTEM                       | 9775-098-899               | 15436.253.59.1 |
| (Ssue)Dāto) | Patent# | GIIIng Date | Serial#!   | บเมือ  | Previous Law<br>Film Refie | #WISIAIW       |



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CARL T. REED R. PARRISH FREEMAN, JR. PETER F. MALEN, JR. L. REX SEARS, PH.D. ERIC M. KAMERATH ROBERT E. AYCOCK JENS C. JENKINS KEVIN W. STINGER WILLIAM J. ATHAY MICHAEL B. DODD WILLIAM R. RICHTER RYAN D. BENSON SARA D. JONES TIGE KELLER MATTHEW D. TODD J. LAVAR OLDHAM JOSEPH L. KRUPA BRETT A. HANSEN BRETT I. JOHNSON MATTHEW A. BARLOW

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HOME PAGE: http://www.wnspatent.com GENERAL E-MAIL: info@wnspatent.com

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Frank H. Levinson

Art Unit 2307

Serial No.:

07/786,453

Filing Date:

November 1, 1991

Confirmation No.:

Unknown

For:

HIGH SPEED INFORMATION BROADCASTING

**SYSTEM** 

Examiner:

T. Black

## TRANSMITTAL FOR REVOCATION AND SUBSTITUTE POWER OF ATTORNEY

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is a Revocation and Substitute Power of Attorney. Please address all future correspondence in connection with the above-identified patent application to the attention of the undersigned. A duplicate copy of this letter is enclosed.

Dated this 13 day of June 2003.

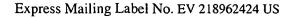
Respectfully submitted,

R. Burns Israelsen Attorney for Applicant Registration No. 42 689

Registration No. 42,685

022913

PATENT TRADEMARK OFFICE





PATENT APPLICATION Docket: 15436.253.12

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Technology Center 2100

Examiner:

T. Black

## CERTIFICATE OF EXPRESS MAILING UNDER 37 C.F.R. § 1.10

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

I hereby certify that the following documents are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this day of June 2003:

- Transmittal for Revocation and Substitute Power of Attorney (1 page)
- Revocation and Substitute Power of Attorney with Exhibits A and B ( pages)
- Change of Attorney Docket Number (2 pages)
- Postcard

Respectfully submitted,

Kimberly Kendrick

Paralegal

WORKMAN, NYDEGGER & SEELEY

1000 Eagle Gate Tower 60 East South Temple

Salt Lake City, Utah 84111 Telephone: (801) 533-9800

Facsimile: (801) 328-1707

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PATENT APPLICATION Docket No.: 15436.253.12

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**SYSTEM** 

Examiner:

T. Black

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**Technology Center 2100** 

## **CHANGE OF ATTORNEY DOCKET NUMBER**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

For convenience and ready identification of the papers received in connection with the above-identified patent application, please reference in all future communications my Docket No. 15436.253.12. All communications should be addressed to:

# ERIC L. MASCHOFF WORKMAN, NYDEGGER & SEELEY 1000 Eagle Gate Tower 60 East South Temple Salt Lake City, Utah 84111 (801) 533-9800

Dated this 13 day of the , 2003.

Respectfully submitted,

R. BURNS ISRAELSEN

Attorney for Applicant Registration No. 42,685

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PATENT TRADEMARK OFFICE

RBI:kk

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